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... vector rate for motion vector field mv[i]. The parameter thus corresponds to an optimal quadtree segmentation of the motion vector field at a given rate. ...

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... this paper, we present a new approach to find the best **quadtree** for variable ... The desired balance of the bit allocation between the **motion vector** coding and the ... Cited by 40 - Related Articles - Web Search

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... Neighboring blocks are then merged in a quadtree manner if they have at least one vector in common. In our work, we also use the motion vectors of smaller ...

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M Kerdranvat - US Patent 5,351,095, 1994 - Google Patents

... levels, a 30 different field of motion vector corresponding to ... determine the final

field of motion suited to the con -struction of the "quadtree" coding tree ...

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F Dufaux, F Moscheni - Proceedings of the IEEE, 1995 - ieeexplore.ieee.org ... models. Hereafter the formulation in terms of displacement is adopted, and the term motion vector should be understood accordingly. In ...

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... Besides, due to the locally adaptive mesh refinements, based on the quadtree structure. the more precise motion vectors can be estimated on moving edges, while ...

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... a quad-tree decomposition. The motion vectors are initially estimated on a xed large size grid. Blocks for which the accuracy of the obtained motion vector is ...

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... quadtree (QT)- based motion estimator for video compression. It is optimal in the sense that for a given bit budget for encoding the displacement vector field ...

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... The highest level of the quadtree is first examined, and ... frame and there is little or no motion in the ... on each pixel based on an additive noise vector that is ... Cited by 117 - Related Articles - Web Search

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